

DEERC F35

DEERC F35 Brushless RC Plane (Model FX9635) Instruction Manual

Your guide to assembly, operation, and maintenance.

1. SAFETY INFORMATION

Read all safety warnings before operating the aircraft.

- This product is not intended for indoor use. Operate only in open outdoor areas.
- Maintain a safe distance from people, pets, trees, power lines, and other obstacles.
- Only activate 3D Mode when the aircraft is above 100 feet (30 meters) to allow for safe recovery and prevent crashes.
- Always ensure batteries are fully charged before flight and monitor the low-power alert system.

2. WHAT'S IN THE BOX

Verify all components are present before assembly.

- Airplane (F35 RC Aircraft) x 1
- Remote Control x 1
- Li-Po Battery x 2
- Charging Cable x 1
- Product Manual x 1
- Front Wheel x 2
- Rear Wheel x 4
- Fan Blade x 2
- Glue x 1



Image: Contents of the DEERC F35 RC Plane package.

3. SETUP AND ASSEMBLY

3.1. Installing Tail Fins

Ensure the tail fins are securely installed before flight. Refer to the product diagram for correct orientation.

3.2. Battery Installation and Charging

Install the provided Li-Po batteries into the aircraft. Use the charging cable to fully charge the batteries before first use. Ensure the remote control also has fresh batteries installed.

3.3. Remote Controller Pairing

To pair the remote controller with the aircraft:

1. Open the battery cover of the remote controller.
2. Press the power switch on the remote controller.
3. Wait for a beeping sound, which indicates successful pairing.
4. Once the remote can control the aircraft, securely close the battery cover.

Warning: If pairing fails, ensure the remote control batteries are correctly installed and try again.



Image: Overview of DEERC F35 RC Plane features.

4. OPERATING INSTRUCTIONS

4.1. Remote Control Layout

Q How to land?

- A**
1. Applicable to both high and low speed modes, requiring approximately 30-50 meters.
 2. Gradually reduce throttle in the following order: 100% → 70% → 50% → 30% (at 5-7 meters altitude, maintain elevator input).
At 2 meters above the ground, completely cut throttle while maintaining elevator input for a smooth glide and touchdown.

Warnings and Mode Descriptions

1.A. High/Low Speed Mode (upper left switch): The default setting is low speed mode when powered on. Pressing the switch once activates high speed mode (indicated by a "BB" sound).

B. Flight Control Modes (A/B/C Modes): Modes A and B include a built-in gyro stabilizer (auto stabilized mode). Mode C is a 3D flight mode that allows advanced aerobatics, but is not recommended for beginners.

Mode Description: Mode A (Beginner Mode): Smaller tail movement for gentle turns. Slower climb rate with elevator input.

Mode B (Intermediate Mode): Larger tail movement for tighter turns. Faster climb rate with elevator input.

Mode C (3D Mode): Aerobatics such as knife edge flying, barrel rolls and flips are possible. recommended for experienced pilots only.

Image: DEERC F35 Remote Control Layout.

The remote control features a 4-channel system for precise flight control. Key controls include:

- **Throttle Lever:** Controls aircraft speed and altitude.
- **Elevator Lever:** Controls pitch (nose up/down).
- **Rudder Gear:** Controls yaw (nose left/right).
- **Fine Adjustment Buttons:** For trimming flight characteristics.
- **A/B/C Three-Gear Mode Switch:** Selects flight mode (Beginner, Intermediate, 3D).

4.2. Flight Modes and Warnings

The aircraft features different flight control modes:

- **High/Low Speed Mode:** The upper left switch toggles between low speed (default) and high speed mode (indicated by a "BB" sound).
- **Flight Control Modes (A/B/C):**
 - **Mode A (Beginner Mode):** Features a built-in gyro stabilizer for auto-stabilized flight. Provides smaller tail movement for gentle turns and a slower climb rate with elevator input.
 - **Mode B (Intermediate Mode):** Also includes a gyro stabilizer. Offers larger tail movement for tighter turns and a faster climb rate with elevator input.
 - **Mode C (3D Mode):** Designed for advanced aerobatics such as knife-edge flying, barrel rolls, and flips. This mode is not recommended for beginners and should only be activated above 100 feet (30 meters) to allow for safe recovery.



Image: Flight Modes and Warnings.

4.3. Takeoff Procedures

The DEERC F35 supports two takeoff methods:

1. **Taxi Takeoff:** Turn on the low or high speed throttle (upper left switch). Low speed mode requires a longer taxiing distance. This method is suitable for smooth surfaces like paved roads. Avoid grass, oily roads, mud, or uneven terrain for taxi takeoff.
2. **Hand-throw Takeoff:** Turn on the high speed throttle (upper left switch) and allow the motor to run for 5 seconds. Gently throw the aircraft forward in a smooth motion.



Image: Takeoff Procedures.

4.4. Flight Control

Once the aircraft reaches an altitude of approximately 10 meters and a distance of 30 meters, you can begin turning maneuvers.

1. **High Speed Turn (High Speed Mode):** Maintain throttle at 70%. Apply elevator input and use Mode B for tighter turns. Mode B increases control surface deflection.
2. **Low Speed Turn (Low Speed Mode):** Maintain throttle at 100%. Mode A allows for a wider turning radius, while Mode B allows for tighter turns.



Image: Flight Control Instructions.

4.5. Aerobatics

The DEERC F35 is capable of various aerobatic maneuvers, especially in Mode C (3D Mode). These include:

- 3D flips
- Mirror flight
- 360° spins
- Falling-leaf stunts

Note: Aerobatic maneuvers require practice and should be performed at a safe altitude.

Defy Gravity - The Ultimate Stunt Airplane for Adrenaline Junkies



**Aerobatic Roll
Flying**



**Flip Aerobatics
Flying**



Please install the tail before flying

Image: DEERC F35 performing aerobatic maneuvers.

4.6. Landing Procedures

Landing requires a clear area of approximately 30-50 meters.

1. Gradually reduce throttle in the following sequence: 100% → 70% → 50% → 30%.
2. At an altitude of 5-7 meters, maintain elevator input.
3. At 2 meters above the ground, completely cut the throttle while maintaining elevator input for a smooth glide and touchdown.



Image: Landing Procedures.

4.7. Flight Demonstration Video

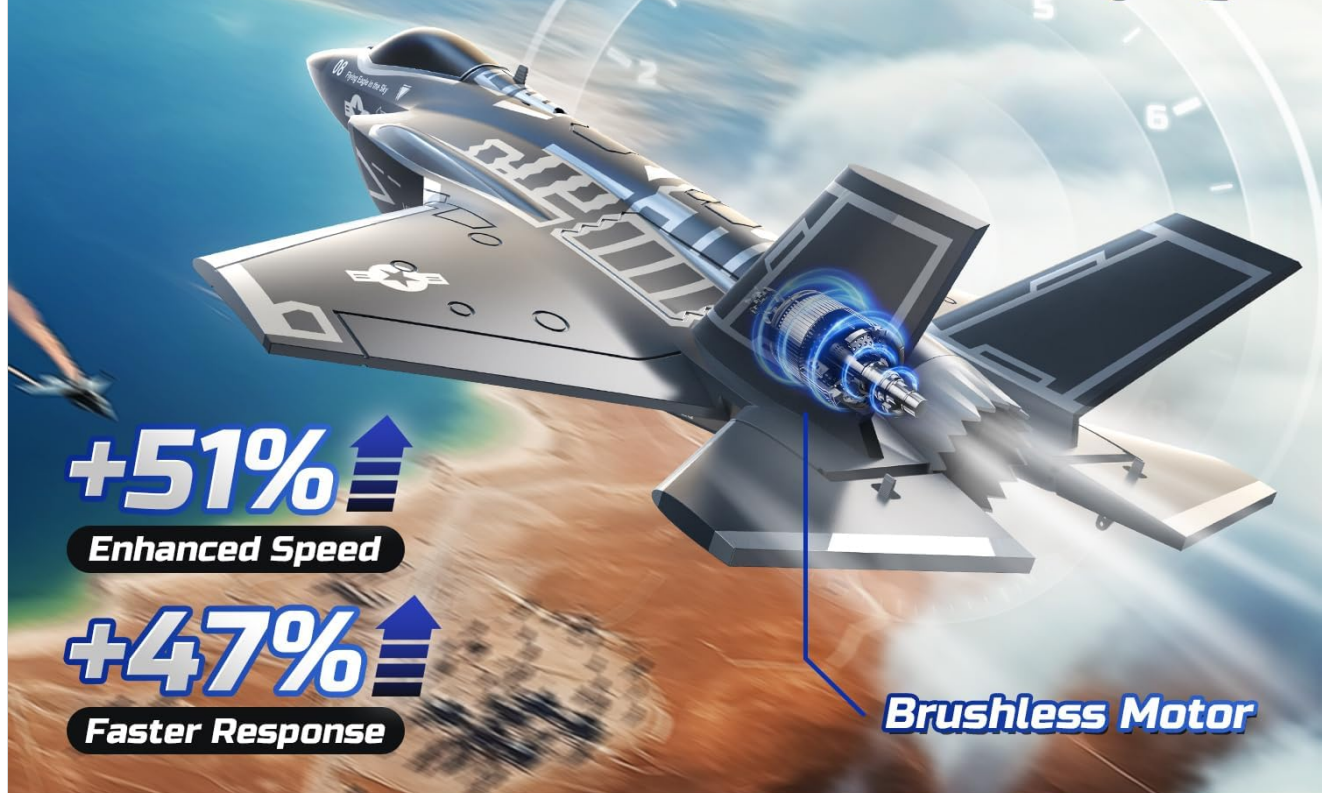
Video: Official demonstration of the DEERC F35 4 Channel Brushless RC Plane in flight, showcasing its maneuverability and features.

5. MAINTENANCE

The DEERC F35 is constructed from durable EPP foam, designed to minimize damage from impacts. However, regular inspection and care are recommended.

- **Post-Flight Inspection:** After each flight, inspect the aircraft for any visible damage to the foam, wings, tail, or propeller.
- **Cleaning:** Gently wipe the aircraft with a soft, dry cloth to remove dirt or debris. Avoid using harsh chemicals.
- **Storage:** Store the aircraft in a cool, dry place away from direct sunlight and extreme temperatures. Remove batteries if storing for extended periods.
- **Repairs:** Minor foam damage can often be repaired using the included glue or a suitable foam-safe adhesive.

Fast and Fearless Flying – Silicone Nose Protection for Stress Free Flying!



**7400KV
1104
BRUSHLESS
MOTOR**



**ENHANCED
SOFT
RUBBER**

Image: DEERC F35 design emphasizing durability and performance.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Aircraft does not respond to remote control.	Pairing failed; low battery in remote or aircraft.	Re-attempt pairing process. Ensure all batteries are fully charged.
Aircraft loses power during flight.	Low aircraft battery.	Land immediately. Recharge aircraft battery. Monitor low-power alert.

Problem	Possible Cause	Solution
Aircraft is unstable or difficult to control.	Incorrect flight mode; strong winds; trim settings incorrect.	Ensure you are in Beginner (Mode A) or Intermediate (Mode B) mode. Avoid flying in strong winds. Adjust trim settings on the remote control.
Aircraft crashes frequently in 3D Mode.	Insufficient altitude for 3D maneuvers; pilot experience.	Only activate 3D Mode above 100 ft (30 m). Practice in simpler modes before attempting 3D aerobatics.

7. SPECIFICATIONS

Feature	Detail
Brand	DEERC
Model Name	F35
Model Number	FX9635
Motor	7400KV1104 Brushless Motor
Control Channels	4 Channel
Control Range	Up to 500 feet (approx. 150 meters)
Battery	2 x 550mAh Li-Po batteries (included)
Flight Time	Up to 20 minutes (with two batteries)
Material	EPP Foam
Recommended Age	14 years and up
Usage Environment	Outdoor
Dimensions	13.5 x 3.7 x 17 inches

Fly without limits—ultra-long control range and dual batteries for endless adventure!

500 FT

20 MINS
PLAY TIME



Image: DEERC F35 control range and battery life.

8. WARRANTY AND SUPPORT

DEERC is committed to product quality and customer satisfaction. If you encounter any issues or have questions regarding your DEERC F35 RC Plane, please do not hesitate to contact our customer service team.

We take full ownership and responsibility for the quality of our products and will strive to resolve any problems quickly and efficiently.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question